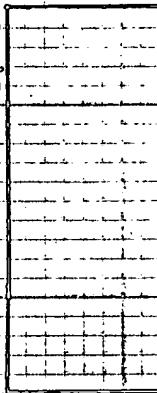


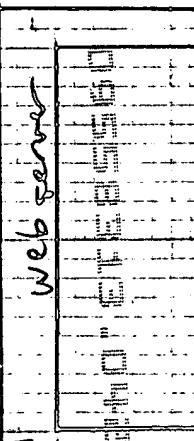
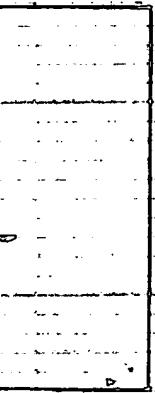
CPU - 1



Computer readable media - 172

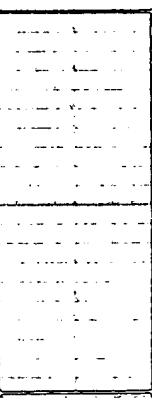


peripherals - 173

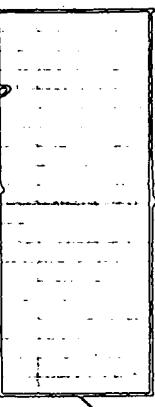


Web server

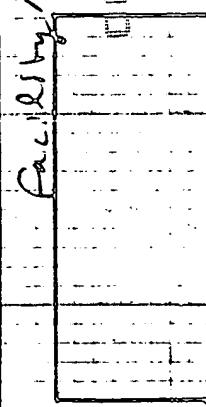
169 - email program



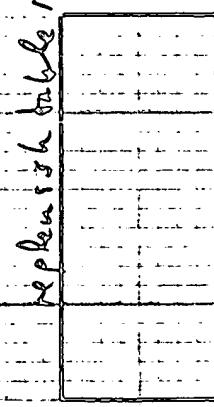
163 - iso program



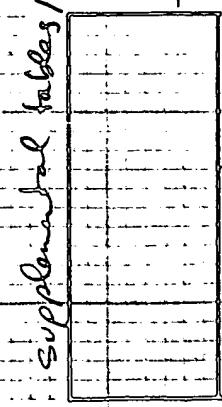
160 - memory



Facilities



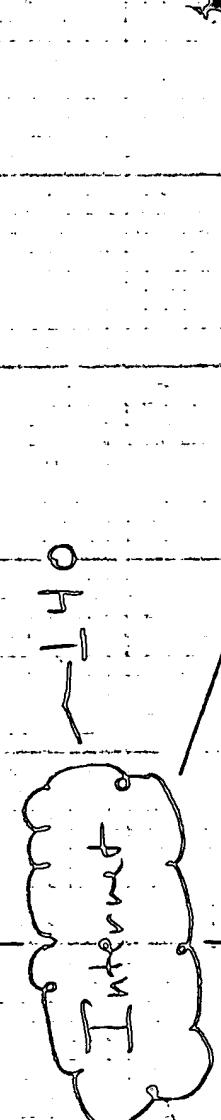
replenishable - 162



supplemental tables - 165

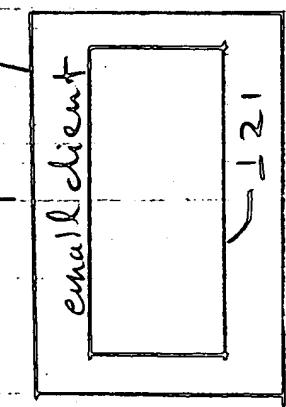
166

server computer system - 150



F15

130



email client

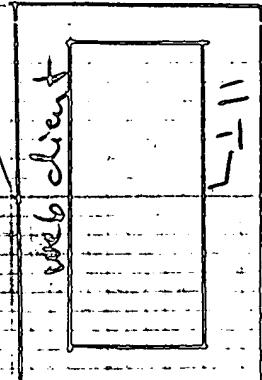
121

customer computer system

customer computer system

customer computer system

116



web client

111

customer computer system

200

## ACME Web Merchants

Mr. King

According to our records, it is likely now that you have planned the following item(s):

2.10

Quantity description

1 Pinnacle shaving  
gel - 12 oz. can \$ 1.69

1 Freshest 2% milk  
- 1/2 gallon carton

1

2

2-1

2-2

2-3

Delivery date  
unit price

11/30/99

2-12

11/30/99

2-14

Please select one of the following options, first  
choice of the quantity of the message:  
2-21

2-23

order as  
above

remind me  
again in a  
few days

no thanks

FIG 2

replenish table 300

target date	customer identifier	item identifier	quantity	replenishment interval
311	11/30/99	15	110	1 48 days
312	11/30/99	15	220	1 10 days
313	12/1/99	23	9994	2 n/a

301 302 303 304 305

FIG 3

item table 400

item identifier	description	unit price
110	Pinnacle shaving gel - 12 oz. can	\$1.69
220	Tabletto PDA	\$395.95
9994	Freshest 2% milk - 1/2 gallon	\$2.10

401 402 403

FIG 4

customer table 500

customer identifier	customer name	contact information type	contact information
511	15	Mr. King	email address
512	17	Ms. Pierce	website cookie
513	23	Mr. Pope	icq address

501 502 503 504

FIG 5

Region

each day

6.01  
identify rows of  
replenishable having  
target dates within a  
prescribed window of  
current date

6.02  
for each distinct  
customer identifier  
among identified  
rows

6.03  
select rows among  
identified rows having  
customer identifier

6.04  
deliver a replenishment  
suggestion to customer  
having customer identifier  
using selected rows and  
contents of supplemental tables

6.05  
delete selected  
rows

6.06  
decline

response

order

6.07  
place order for  
selected quantities  
of items

6.08  
update selected  
rows in accordance  
with deferral

6.09  
update selected  
rows in accordance  
with order

6.10  
next distinct  
customer  
identifier

6.11  
next day

FIG-6